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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

501.43495X00

Applicant(s): A. SHIMADA, et al

Serial No.: 10/771,455

Filed: February 5, 2004

For: DISK ARRAY APPARATUS AND CONTROL METHOD FOR DISK  
ARRAY APPARATUS

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 28, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (501.43495X00) please credit any excess fees to such deposit account.

Respectfully submitted,



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**FORM PTO-1449 U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark**

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JUL 28 2004  
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INDEXED  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

501.43495X00

10/771,455

APPLICANT  
A. SHIMADA, et alFILING DATE  
February 5, 2004

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
		1	2	3	7	0	8	7					YES	NO
		1	0	2	7	0	7	0	9/02	European				
		1	0	1	1	2	2	8	1/98	Japan				XX
		1	0	1	1	2	2	8	1/98	Japan				XX

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])